

(PCT 09)

Serial Number: 09/763,498

Changed a from non-ASCII to ASCII

ENTORED

 Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other: Entered "hard returns" to correct format of sequence listing.

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING DATE: 03/08/2001
 PATENT APPLICATION: US/09/763,498 TIME: 12:19:53

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 Output Set: N:\CRF3\03082001\I763498.raw

2 <110> APPLICANT: Sims, John Smith, Dirk
 4 <120> TITLE OF INVENTION: HUMAN IL-1 EPSILON DNA AND POLYPEPTIDES
 6 <130> FILE REFERENCE: 0317-US
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/763,498
 C--> 9 <141> CURRENT FILING DATE: 2001-02-21
 11 <150> PRIOR APPLICATION NUMBER: PCT/US99/18771
 12 <151> PRIOR FILING DATE: 1999-08-20
 13 <150> PRIOR APPLICATION NUMBER: 60/097,413
 14 <151> PRIOR FILING DATE: 1998-08-21
 15 <150> PRIOR APPLICATION NUMBER: 60/098,595
 16 <151> PRIOR FILING DATE: 1998-08-31
 17 <150> PRIOR APPLICATION NUMBER: 60/099,974
 18 <151> PRIOR FILING DATE: 1998-09-11
 20 <160> NUMBER OF SEQ ID NOS: 13
 22 <170> SOFTWARE: PatentIn version 3.0
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 25 <211> LENGTH: 297
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Mus sp;
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 32 caagggaaaga gcaaacagt ccaggaaggg aacataatgg aaatgtacaa caaaaaggaa 120
 34 cctgtaaaag cctctcttctt cttatcacaag aagagtggta caacctctac atttggatct 180
 36 gcagccttc ctgggttgggtt catcgctgtc tgctctaaag ggagctgccc actcattctg 240
 38 aaccaagaac tgggggaaat cttcatcact gacttcgaga tgattgtgg acattaa 297
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 42 <211> LENGTH: 98
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Mus sp.
 46 <400> SEQUENCE: 2
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 51 Ser Leu Gln Ser Gln Gly Lys Ser Lys Gln Phe Gln Glu Gly Asn Ile
 52 20 25 30
 54 Met Glu Met Tyr Asn Lys Lys Glu Pro Val Lys Ala Ser Leu Phe Tyr
 55 35 40 45
 57 His Lys Lys Ser Gly Thr Thr Ser Thr Phe Glu Ser Ala Ala Phe Pro
 58 50 55 60
 60 Gly Trp Phe Ile Ala Val Cys Ser Lys Gly Ser Cys Pro Leu Ile Leu
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 63 Thr Gln Glu Leu Gly Glu Ile Phe Ile Thr Asp Phe Glu Met Ile Val
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 66 Val His
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 70 <211> LENGTH: 174
 71 <212> TYPE: DNA
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 92 Ser Leu Gln Ser Gln Gly Lys Ser Lys Gln Phe Gln Ser Leu Leu Pro 120
 93 20 25 30
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 99 50 55
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 103 <212> TYPE: DNA
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 109 cacagccaga gtggcaggaa ctccacccctc gagtctgtgg ctttccctgg ctgggtcatac 120
 111 gctgtcagct ctgaaggagg ctgtcccttc atccttaccc aagaactggg gaaagccaac 180
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 126 Phe Leu Phe Tyr His Ser Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser 120
 127 20 25 30
 129 Val Ala Phe Pro Gly Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys 180
 130 35 40 45
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 148 ccagtcacta ttgccttaat ctcatgcoga catgtggaga cccttgagaa agacagaggg 180

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 152 gaccagccca cactgcagct gaaggaaaaag gatataatgg atttgcacaa ccaacccgag 300
 154 cctgtgaagt cctttctctt ctaccacagc cagagtggca ggaactccac cttcgagtct 360
 156 gtggcttcc ctggctgggt catcgctgtc agctctgaag gaggctgtcc tctcatcctt 420
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 171 Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr Leu Ile Ala
 172 20 25 30
 174 Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala Leu Ile Ser
 175 35 40 45
 177 Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asn Pro Ile Tyr
 178 50 55 60
 180 Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly
 181 65 70 75 80
 183 Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr
 184 85 90 95
 186 Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser
 187 100 105 110
 189 Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile
 190 115 120 125
 192 Ala Val Ser Ser Glu Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu
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 195 Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
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 208 Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly Asp Gln
 209 20 25 30
 211 Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr Asn Gln
 212 35 40 45
 214 Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser Gly Arg
 215 50 55 60
 217 Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile Ala Val
 218 65 70 75 80
 220 Ser Ser Glu Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys
 221 85 90 95
 223 Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
 224 100 105

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236 Phe Leu Phe Tyr His Ser Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser
237 20 25 30
239 Val Ala Phe Pro Gly Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys
240 35 40 45
242 Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe
243 50 55 60
245 Gly Leu Thr Met Leu
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250 <212> TYPE: PRT
251 <213> ORGANISM: Mus sp
253 <400> SEQUENCE: 11
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259 20 25 30
261 Gly Thr Thr Ser Thr Phe Glu Ser Ala Ala Phe Pro Gly Trp Phe Ile
262 35 40 45
264 Ala Val Cys Ser Lys Gly Ser Cys Pro Leu Ile Leu Thr Gln Glu Leu
265 50 55 60
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280 ccagtcacta ttgccttaat ctcatgccga catgtggaga cccttgagaa agacagaggg 180
282 aaccatct acctggccct gaatggactc aatctctgcc tgatgtgtgc taaagtccggg 240
284 gaccagccca cactgcagct gaaggaaaaag gatataatgg atttgtacaa ccaacccgag 300
286 cctgtgaagt cctttctt ctaaccacgc cagagtggca ggaactccac ctgcgatct 360
288 gtggcttcc tggctgggtt catcgctgtc agctctgaag gaggctgtcc tctcatcctt 420
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301 1 5 10 15
303 Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr Leu Ile Ala
304 20 25 30
306 Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala Leu Ile Ser
307 35 40 45
309 Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asn Pro Ile Tyr
310 50 55 60
312 Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly
313 65 70 75 80
315 Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr
316 85 90 95
318 Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser
319 100 105 110
321 Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile
322 115 120 125
324 Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu
325 130 135 140
327 Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
328 145 150 155

VERIFICATION SUMMARY
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L:8 M:270 C: Current Application Number differs, Replaced Application Number
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date